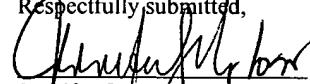


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		Examiner Name	Murphy, J.																																																																																												
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2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 50-1721. <input checked="" type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input type="checkbox"/> Overpayment Credit.																																																																																															
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Direct all correspondence to: Patent Administrator Kirkpatrick & Lockhart Nicholson Graham LLP 75 State Street Boston, MA 02109-1808 Tel. No.: (617) 261-3100 Fax No.: (617) 261-3175		Respectfully submitted,  Jennifer G. Moltoso Attorney for the Applicants Kirkpatrick & Lockhart Nicholson Graham LLP 75 State Street Boston, MA 02109-1808																																																																																													



PATENT
Attorney Docket No. MIT-103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Kawasaki et al.

SERIAL NO.: 09/422,999 GROUP NO.: 1646

FILING DATE: October 22, 1999 EXAMINER: J. Murphy

TITLE: Genes Integrating Signal Transduction Pathways

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUBMISSION OF PAPER COPY AND/OR COMPUTER-READABLE COPY
OF SEQUENCE LISTING FOR INVENTION
CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE**

Sir:

1. This replies to the U.S. Patent and Trademark Office letter dated

A copy of the letter is enclosed.

2. Submitted herewith is/are

(check each item as applicable)

A. a paper copy of the Sequence Listing for this application with each sequence assigned a separate identifier.

B. a copy, in computer-readable form, of the Sequence Listing for this application.

Applicants respectfully request entry of the sequence listing submitted herewith to replace the sequence listing currently on file.

Submission Of Paper Copy And/Or Computer-Readable Copy Of Sequence Listing

For Invention Containing Nucleotide And/Or Amino Acid Sequence

Serial No. 09/422,999

Page 2 of 2

STATEMENT

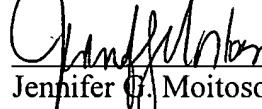
3. I hereby state that:

(complete applicable items A, B and/or C)

- A. the content of the paper and computer readable copies submitted herewith are the same.
- B. the content of the computer-readable copy submitted herewith is the same as that of the Sequence Listing submitted on October 22, 1999.
- C. this submission includes no new matter.

Applicants believe no fee is required at this time. Nevertheless, if a fee is due, please debit deposit account No. 50-1721.

Respectfully submitted,



Jennifer J. Moitoso

Attorney for Applicants

Kirkpatrick & Lockhart

Nicholson Graham, LLP

75 State Street

Boston, Massachusetts 02109

6-10-05

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Application Serial Number	09/422,999
Filing Date	October 22, 1999
First Named Inventor	Kawasaki
Group Art Unit	1646
Examiner Name	J. Murphy
Attorney Docket No.	MIT-103
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

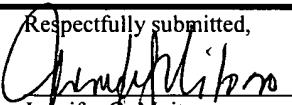
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input checked="" type="checkbox"/> Copy of Fee Transmittal Form	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate)
<input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]	<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Supplemental Executed	<input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Small Entity Statement	
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citation	<input type="checkbox"/> CD(s) for large table or computer program	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Amendment After Allowance	
<input checked="" type="checkbox"/> Sequence Listing submission <input checked="" type="checkbox"/> Paper Copy/CD <input checked="" type="checkbox"/> Computer Readable Copy <input checked="" type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	

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Date: June 9, 2005
 Reg. No. 51,752
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Respectfully submitted,

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